To: Daly, Eric[Daly.Eric@epa.gov]

From: Nguyen, Lyndsey
Sent: Wed 5/4/2016 4:07:13 PM
Subject: RE: Holy Trinity Cemetery

My comments in red. Sorry, I completely forgot about this email. Should have bugged me sooner ©

Lyndsey

Lyndsey Nguyen

Environmental Response Team-Las Vegas

Phone: 702.784.8018

Cell: 702-373-3756

Email: Nguyen.Lyndsey@EPA.gov

From: Daly, Eric

Sent: Tuesday, May 03, 2016 1:30 PM

To: Nguyen, Lyndsey < Nguyen.Lyndsey@epa.gov>

Subject: RE: Holy Trinity Cemetery

See below. Please add to anything before I send it out.

From: Koehler, Larainne

Sent: Tuesday, May 03, 2016 12:07 PM **To:** Daly, Eric < Daly, Eric@epa.gov>

Cc: Nguyen, Lyndsey < Nguyen.Lyndsey@epa.gov >; Giardina, Paul < Giardina.Paul@epa.gov >; Povetko, Oleg < Povetko.Oleg@epa.gov >

Subject: RE: Holy Trinity Cemetery

Eric, Paul will try to take a look at this later in the day in terms of whether or not additional work might be done. He is more familiar with the site than I am and Oleg is on travel this week. As for the radon levels, I agree – in a normal situation, these levels would suggest installation of a mitigation system. Here are some initial thoughts: since areas over a crawlspace were measured, that areas above all foundations have been measured? I am not sure what this question means. Please clarify. I think she is asking if we measured other areas besides the basement. Answer: Yeppers, we did the main floor living room and bedroom, as well as, upstairs bedrooms. NOT a valid measurement location for decision making, but there are other elevated readings. We should have an accurate diagram shortly of the layout. However, why wouldn't it be a valid measurement location. Wouldn't it show that subsurface soil gas is entering the house? Basement--NW--#5374-04 and Basement--NW--#5374-05 are duplicates about the need for a radon specialist to place the canisters during Moffat Street, we have been getting a certified sub-contractor during measurements – but not outside measurement range. So that is a good thing that we were not out of measurement range? How does wind gust affect

•□□□□□□□ There were some highs in the 60's – were closed house conditions followed in the entire house? It was in the 40-50 for most of our time in Niagara Falls area. The house was closed during the sampling period.

indoor radon measurements in the basement?

•	See	below

• Below is what I have from NYS DOH website for Lewiston. The complete document is attached.

NYS DOH Measured Basement, First Floor Test Homes County Town/Village/City Location Screened

NIAGARA	LEWISTON	Basement	138	
NIAGARA	LEWISTON	1st Floor	25	

From: Daly, Eric

Sent: Monday, May 02, 2016 4:39 PM

To: Koehler, Larainne <Koehler.Larainne@epa.gov>

Cc: Nguyen, Lyndsey <Nguyen.Lyndsey@epa.gov>; Giardina, Paul <Giardina.Paul@epa.gov>;

Povetko, Oleg < Povetko. Oleg@epa.gov>

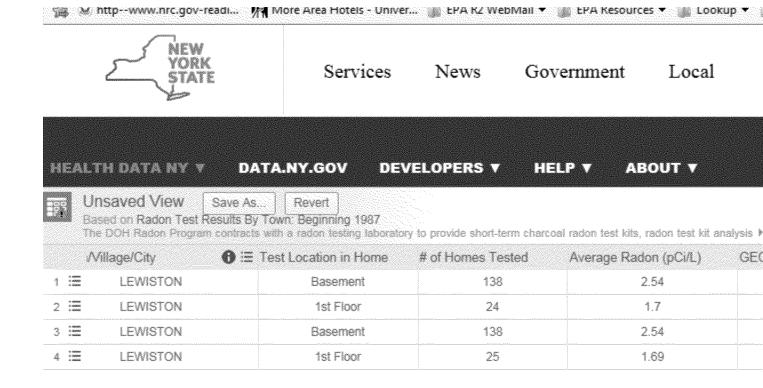
Subject: Holy Trinity Cemetery

Importance: High

Good Afternoon Larraine:

At Holy Trinity Cemetery, we had to look into a claim that one of the slag road beds at the site extended across the Roberts Street to a residence (Labeled Area 5 in figure attached). All gamma survey readings inside the home and on the property were background. However, the radon canister readings (Attached) came back elevated in the basement. My initial response as was my management...would be put in a sub slab radon mitigation system and the inhalation issue would be solved. I am requesting your input on the situation. We just received the results and I do not have the floor plan diagrams yet.

•□□□□□□□ Can you recommend any additional assessment work we should perform?
•□□□□□□ I still need to ask if they use well water or notany guidance when it comes to showering if they do have well water? Get the info on well first. Would not provide any guidance just based on the fact that they had a well without a radon in water test first. There is clearly a soil gas source here.
•□□□□□□ The highest reading was at sump pump. I assume this is the easiest access point for the gas to flow.
•□□□□□□ Can you provide the average naturally occurring radon readings in the area of Lewiston, NY or point me in the right direction to get this information? The tables do not show measurements for Lewiston, but the maps show the following:
http://www.health.ny.gov/environmental/radiological/radon/maps_statistics.htm



I need to provide the homeowner with the information ASAP but wanted to reach out to you for additional guidance first.

Thanks

Regards,

Eric

"We must, indeed, all hang together, or assuredly we shall all hang separately", Benjamin Franklin Eric M. Daly

On-Scene Coordinator/Radiological Response Specialist US Environmental Protection Agency- Region II

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